

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	(("7017162") or ("20030167356")).PN.	US-PGPUB; USPAT	OR	OFF	2006/08/28 06:59
L3	3	(("5778224") or ("5799173") or ("6578159")).PN.	US-PGPUB; USPAT	OR	OFF	2006/08/28 07:36
L4	76	case adj insensitive near5 comparison	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 07:39
L5	35	I4 same string	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 07:38
L6	20	I5 and header	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 07:38
L7	20	(US-20050262431-\$ or US-20050261788-\$ or US-20050246716-\$ or US-20050240943-\$ or US-20050065977-\$ or US-20050027725-\$ or US-20040226025-\$ or US-20040225680-\$ or US-20040054498-\$ or US-20030236754-\$ or US-20030172053-\$ or US-20030105732-\$ or US-20030069941-\$).did. or (US-7096501-\$ or US-7017162-\$ or US-7013469-\$ or US-6988241-\$ or US-6758403-\$ or US-6750791-\$ or US-5557747-\$).did.	US-PGPUB; USPAT	OR	ON	2006/08/28 07:39
L8	20	I7 and case adj insensitive near5 comparison	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 07:45
L9	0	http near5 header near5 comparison	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 07:47

## EAST Search History

L10	0	header near5 compar\$5 near5 case adj insensitiv\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 08:37
L11	1	("20050246716").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/28 09:01
L12	1	("6,523,108").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/28 12:00
L13	1433	709/200.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 12:00
L14	9542	709/201-203.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 12:00
L15	5746	709/217,218.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 12:00
L16	26470	709/219-232.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 12:00
L17	6765	709/245-250.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 12:00
L18	4013	709/236-238.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 12:00
L19	0	709/310.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 12:01
L20	3097	719/311-318.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 12:01

## EAST Search History

L21	931	719/310.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 12:01
L22	1205	719/328.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 12:01
L23	1685	718/100.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 12:01
L24	1304	718/102.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 12:01
L25	46579	I13 or I14 or I15 or I16 or I17 or I18 or I19 or I20 or I21 or I22 or I23 or I24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 12:02
L26	1290	I25 and (string near8 (compar\$5 or match\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 12:02
L27	57	I26 and ("xor" or (exclusive adj "or"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 12:03
S1	10	peiffer-christoph\$.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 18:32
S2	2	S1 and string	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 18:33
S3	1	S2 and "xor"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 18:33
S4	5	redline adj network\$.as.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:00

## EAST Search History

S5	0	S4 and string	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 18:34
S6	5	(redline adj network\$).as.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 18:34
S7	3504	709/217.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:05
S8	912	S7 and string	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:07
S9	200	S8 and binary	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:08
S10	4	S9 and (case adj insensi\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:07
S11	14	S8 and ("xor" (exclusive adj "or") )	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:07
S12	1302	709/200.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:06
S13	38788	709/201-253.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:06
S14	0	719/300.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:06
S15	835	719/310.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:06
S16	4349	719/311-320,328-332.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:07
S17	43118	S12 or S13 or S15 or S16	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:07
S18	142	S17 and (case adj insensi\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:07
S19	8	S18 and ("xor" (exclusive adj "or") )	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:07

## EAST Search History

S20	9939	S17 and string	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:07
S21	64	S18 and binary	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:08
S22	4	HTTP near5 header same ("xor" (exclusive adj "or") )	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:12
S23	30	HTTP near5 header and ("xor" (exclusive adj "or") )	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:16
S24	14	S23 and binary	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:12
S25	56	S21 and string	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:12
S26	7	S24 and string	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:12
S27	3	HTTP and (header near5 ("xor" (exclusive adj "or") ))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:18
S28	48	HTTP and (header same ("xor" (exclusive adj "or") ))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:19
S29	4	HTTP same (header same ("xor" (exclusive adj "or") ))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 21:12
S30	24	HTTP near5 header near5 match\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:23
S31	50	HTTP near5 header near5 (match\$5 or compar\$5 or evaluat\$5 or measur\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:24
S32	15	HTTP near5 header near5 (compar\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 19:24
S33	18	HTTP near latency	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 21:13
S34	0	HTTP near latency and (header near5 (compar\$5 or match\$5))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 21:13

## EAST Search History

S35	0	HTTP near latency and (header same (compar\$5 or match\$5))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 21:13
S36	11	HTTP near latency and (compar\$5 or match\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 21:14
S37	0	HTTP near latency same header	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 21:15
S38	40	"xor" near5 header	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 21:16
S39	1	"xor" near5 header near5 compar\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 21:17
S40	9	exclusive near5 header near5 compar\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:12
S41	0	ASCII near5 header near5 compar\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 21:19
S42	10	header near5 compar\$5 near5 predefin\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 21:26
S43	6	header near5 HTTP near5 predefin\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 21:51
S44	1	header near5 predefin\$5 same bitwise	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 21:51
S45	20	header near5 predefin\$5 and bitwise	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:02
S46	5	header near5 predefin\$5 near5 match\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 21:56
S47	7	header near5 predefin\$5 near5 map\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:00
S48	1	header near5 predefin\$5 same exclusive adj "or"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:00
S49	1	header near5 predefin\$5 same "xor"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:01

## EAST Search History

S50	1	header near5 prede\$5 same "xor"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:02
S51	4	header near5 prede\$8 same "xor"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:02
S52	26	header near5 predetermin\$5 and bitwise	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:02
S53	2	header near5 predetermin\$5 same bitwise	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:10
S54	1	string near5 predetermin\$5 same bitwise	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:11
S55	3	compar\$5 near5 predetermin\$5 same bitwise	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:11
S56	2	bitwise near5 header near5 compar\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:15
S57	11	"20202020"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:18
S58	0	"20202020" and bitwise	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:16
S59	3	bitwise same "0x20"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:20
S60	18	negat\$5 near5 string near5 match\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:21
S61	45	string near5 bitwise	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:22
S62	0	URL near5 bitwise	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:22
S63	7	URL same bitwise	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:47
S64	121	http near5 encod\$5 near5 header	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:48

## EAST Search History

S65	35	http near5 encoded near5 header	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:48
S66	16	http near5 decod\$5 near5 header	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:50
S67	0	S66 and bitwise	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:49
S68	0	S66 and exclusive adj "or"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:49
S69	4	http near5 decod\$5 near5 header same compar\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 22:55
S70	0	("20020101989").PN.	USPAT	OR	OFF	2005/09/30 22:55
S71	1	("20020101989").PN.	US-PGPUB; USPAT	OR	OFF	2005/09/30 22:56
S72	0	PACK adj HEADER same http	US-PGPUB; USPAT	OR	ON	2005/09/30 22:56
S73	1105	PACK adj HEADER	US-PGPUB; USPAT	OR	ON	2005/09/30 22:56
S74	1071	PACK adj HEADER	US-PGPUB; USPAT	OR	OFF	2005/09/30 22:57
S75	2	PACK adj HEADER same bitwise	US-PGPUB; USPAT	OR	OFF	2005/09/30 22:57
S76	2	PACK adj HEADER and bitwise	US-PGPUB; USPAT	OR	OFF	2005/09/30 22:57
S77	14	PACK adj HEADER and WAN	US-PGPUB; USPAT	OR	OFF	2005/09/30 23:07
S78	18	header near latency	US-PGPUB; USPAT	OR	OFF	2005/09/30 23:12
S79	135	header near5 exclusive	US-PGPUB; USPAT	OR	OFF	2005/09/30 23:12
S80	28	header near exclusive	US-PGPUB; USPAT	OR	OFF	2005/09/30 23:12
S81	9	header near ((exclusive adj "or") or bitwise)	US-PGPUB; USPAT	OR	OFF	2005/09/30 23:19
S82	740	header adj compression	US-PGPUB; USPAT	OR	OFF	2005/09/30 23:19
S83	2	header adj compression and bitwise	US-PGPUB; USPAT	OR	OFF	2005/09/30 23:30
S84	0	www-aunthenticte near5 bitwise	US-PGPUB; USPAT	OR	OFF	2005/09/30 23:30

## EAST Search History

S85	0	www-aunthenticte near5 bitwise	US-PGPUB; USPAT	OR	ON	2005/09/30 23:30
S86	0	www-aunthenticate near5 bitwise	US-PGPUB; USPAT	OR	ON	2005/09/30 23:30
S87	0	www-aunthenticate same bitwise	US-PGPUB; USPAT	OR	ON	2005/09/30 23:31
S88	0	aunthenticate same bitwise	US-PGPUB; USPAT	OR	ON	2005/09/30 23:31
S89	0	content adj type same bitwise	US-PGPUB; USPAT	OR	ON	2005/09/30 23:31
S90	84	version same bitwise	US-PGPUB; USPAT	OR	ON	2005/09/30 23:31
S91	7	version same bitwise same header	US-PGPUB; USPAT	OR	ON	2005/09/30 23:34
S92	2	version same bitwise same HTTP	US-PGPUB; USPAT	OR	ON	2005/09/30 23:36
S93	17	HTTP same bitwise	US-PGPUB; USPAT	OR	ON	2005/09/30 23:37
S94	1	HTTP near10 bitwise	US-PGPUB; USPAT	OR	ON	2005/09/30 23:38
S95	82	header same bitwise	US-PGPUB; USPAT	OR	ON	2005/09/30 23:51
S96	39	accept adj encoding same HTTP	US-PGPUB; USPAT	OR	ON	2005/09/30 23:53
S97	1	(accept adj encoding same HTTP) and bitwise	US-PGPUB; USPAT	OR	ON	2005/09/30 23:53
S98	18	(accept adj encoding same HTTP) and compar\$5	US-PGPUB; USPAT	OR	ON	2005/09/30 23:59
S99	29	(www adj authenticate same HTTP) and compar\$5	US-PGPUB; USPAT	OR	ON	2005/09/30 23:59
S100	0	(www adj authenticate same HTTP) same compar\$5	US-PGPUB; USPAT	OR	ON	2005/09/30 23:59
S101	4	S99 and bitwise	US-PGPUB; USPAT	OR	ON	2005/10/02 15:15
S102	0	accept adj encoding same bitwise	US-PGPUB; USPAT	OR	ON	2005/10/02 15:16
S103	1	accept adj encoding and bitwise	US-PGPUB; USPAT	OR	ON	2005/10/02 15:16
S104	0	accept adj encoding same "xor"	US-PGPUB; USPAT	OR	ON	2005/10/02 15:16
S105	1	pragma same "xor"	US-PGPUB; USPAT	OR	ON	2005/10/02 15:16
S106	0	MIME adj version same "xor"	US-PGPUB; USPAT	OR	ON	2005/10/02 15:17

## EAST Search History

S10 7	2	MIME adj version and "xor"	US-PGPUB; USPAT	OR	ON	2005/10/02 15:20
S10 8	1	"XOR" adj2 encryption same MD5	US-PGPUB; USPAT	OR	ON	2005/10/02 15:20
S10 9	2	"XOR" adj2 encrypt\$5 same MD5	US-PGPUB; USPAT	OR	ON	2005/10/02 15:22
S11 0	95	SHA1 same "xor"	US-PGPUB; USPAT	OR	ON	2005/10/02 15:22
S11 1	3	SHA1 same "xor" same MD5	US-PGPUB; USPAT	OR	ON	2005/10/02 15:23
S11 2	92	SHA1 same "xor" and MD5	US-PGPUB; USPAT	OR	ON	2005/10/02 15:23
S11 3	0	S112 and (http same header)	US-PGPUB; USPAT	OR	ON	2005/10/02 15:24
S11 4	2	S112 and http and header	US-PGPUB; USPAT	OR	ON	2005/10/02 15:35
S11 5	274	"xor" same header	US-PGPUB; USPAT	OR	ON	2005/10/02 15:35
S11 6	1	"xor" near5 header same decrypt\$5	US-PGPUB; USPAT	OR	ON	2005/10/02 15:37
S11 7	0	"xor" near5 header and HTTP same header and decrypt\$5	US-PGPUB; USPAT	OR	ON	2005/10/02 15:38
S11 8	0	"xor" near5 www adj authenticate	US-PGPUB; USPAT	OR	ON	2005/10/02 15:38
S11 9	0	"xor" same www adj authenticate	US-PGPUB; USPAT	OR	ON	2005/10/02 15:39
S12 0	284	"xor" same vary	US-PGPUB; USPAT	OR	ON	2005/10/02 15:39
S12 1	0	"xor" same vary near5 header	US-PGPUB; USPAT	OR	ON	2005/10/02 15:39
S12 2	0	"xor" same accept adj ranges	US-PGPUB; USPAT	OR	ON	2005/10/02 15:39
S12 3	0	("xor" or bitwise) same accept adj ranges	US-PGPUB; USPAT	OR	ON	2005/10/02 15:39
S12 4	0	("xor" or bitwise) same content adj range	US-PGPUB; USPAT	OR	ON	2005/10/02 15:40
S12 5	0	("xor" or bitwise) same content adj type	US-PGPUB; USPAT	OR	ON	2005/10/02 15:40
S12 6	0	("xor" or bitwise) same content adj md5	US-PGPUB; USPAT	OR	ON	2005/10/02 15:40
S12 7	77	("xor" or bitwise) same md5	US-PGPUB; USPAT	OR	ON	2005/10/02 15:40
S12 8	39	S127 and header	US-PGPUB; USPAT	OR	ON	2005/10/02 15:40

## EAST Search History

S12 9	15	S128 and http	US-PGPUB; USPAT	OR	ON	2005/10/02 15:41
S13 0	2	left adj shift near5 four near5 character	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 18:00
S13 1	0	bitwise near5 four near5 character	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 17:59
S13 2	1	"xor" near5 four near5 character	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 17:59
S13 3	71	left adj shift near5 "32" near bit	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 18:00
S13 4	0	S133 same bitwise	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 18:00
S13 5	1	S133 same "xor"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 19:04
S13 6	2	0x20202020	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 19:06
S13 7	0	four adj blank adj ACII	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 19:06
S13 8	0	four adj blank adj2 ACII	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 19:06
S13 9	0	four adj blank near5 ACII	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 19:06
S14 0	5	four adj blank near5 charac\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 19:07
S14 1	981	blank adj character	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 19:07
S14 2	0	blank adj character same bitwise	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 19:07
S14 3	0	blank adj character same "xor"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 19:28
S14 4	4311	prede\$8 near5 header	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 19:29

## EAST Search History

S14 5	15	prede\$8 near5 header near5 HTTP	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 19:54
S14 6	35	Universal adj hash	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 19:57
S14 7	0	Universal adj hash near5 blank	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 22:19
S14 8	0	("x20202020").PN.	USPAT	OR	OFF	2005/10/02 22:19
S14 9	1	("6,842,860").PN.	USPAT	OR	OFF	2005/10/02 22:37
S15 0	1	("5953503").PN.	USPAT	OR	OFF	2005/10/02 23:44
S15 1	710	WAN and HTTP near5 header	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 23:45
S15 2	421	WAN and HTTP adj header	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 23:45
S15 3	5	S152 and ("xor" or exclusive adj "or")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 23:45
S15 4	7069	string near2 match\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/25 14:56
S15 5	38	S154 same case adj insensitive	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/25 14:57
S15 6	4	S155 and "xor"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/25 15:36
S15 7	7	ascii adj binary adj representation	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/25 16:34
S15 8	2	http adj header same "xor"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/25 16:41
S15 9	1	http adj header near5 compar\$5 and "xor"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/25 16:41
S16 0	1	http adj header near5 match\$5 and "xor"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/25 16:42

## EAST Search History

S16 1	1	http same header near5 match\$5 and "xor"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/25 16:42
S16 2	109	header near5 match\$5 and "xor"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/25 16:42
S16 3	1	header near2 match\$5 same "xor"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/25 16:42
S16 4	2	header near2 compar\$5 same "xor"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/25 16:47
S16 5	3	exclusive adj "OR" same case adj insensitive same string	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/25 18:03
S16 6	0	("63779911").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/25 18:03
S16 7	1	("6377991").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/25 18:29
S16 8	1	("7035230").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/25 19:55
S16 9	2	(("6600958") or ("6389466")).PN.	US-PGPUB; USPAT	OR	OFF	2006/08/28 06:43

Terms used [string](#) [match](#) [case](#) [insensitive](#)

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Relevance scale 

**1** [1 - Regular Articles: Average-optimal single and multiple approximate string matching](#) 

 Kimmo Fredriksson, Gonzalo Navarro

December 2004 **Journal of Experimental Algorithms (JEA)**, Volume 9 Issue 1

**Publisher:** ACM Press

Full text available:  [pdf\(1.77 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We present a new algorithm for multiple approximate string matching. It is based on reading backwards enough  $l$ -grams from text windows so as to prove that no occurrence can contain the part of the window read, and then shifting the window. We show analytically that our algorithm is optimal on average. Hence our first contribution is to fill an important gap in the area, since no average-optimal algorithm existed for multiple approximate string matching. We consider several variants and practical i ...

**Keywords:** Algorithms, approximate string matching, biological sequences, multiple string matching, optimality

**2** [A guided tour to approximate string matching](#)

 Gonzalo Navarro

March 2001 **ACM Computing Surveys (CSUR)**

Volume 14 Issue 4  
**Publisher:** ACM Press

Full text available: [!\[\]\(aef305f57b9557b4e73b8de50f6d555d\_img.jpg\) pdf\(1.88 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

It is common practice to specify textual patterns by means of a set of regular expressions and to transform this set into a finite automaton to be used for the scanning of input strings. In many applications, the cost of this preprocessing phase can be amortized over many uses of the constructed automaton. In this paper new techniques for lazy and incremental scanner generation are presented. The lazy technique postpones the construction of parts of the automaton until they are really needed ...

**Keywords:** finite automaton, lazy and incremental generation of lexical scanners, program generator, subset construction

**4 Content inspection: High-throughput linked-pattern matching for intrusion detection systems** 

 Zachary K. Baker, Viktor K. Prasanna

October 2005 **Proceedings of the 2005 symposium on Architecture for networking and communications systems ANCS '05**

**Publisher:** ACM Press

Full text available: [!\[\]\(e9e105440a4f0af15d76f8d500ffbd8a\_img.jpg\) pdf\(300.66 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper presents a hardware architecture for highly efficient intrusion detection systems. In addition, a software tool for automatically generating the hardware is presented. Intrusion detection for network security is a compute-intensive application demanding high system performance. By moving both the string matching and the linking of multi-part rules to hardware, our architecture leaves the host system free for higher-level analysis. The tool automates the creation of efficient Field Prog ...

**Keywords:** network intrusion detection, string matching

**5 Fast and flexible word searching on compressed text** 

 Edlano Silva de Moura, Gonzalo Navarro, Nivio Ziviani, Ricardo Baeza-Yates

April 2000 **ACM Transactions on Information Systems (TOIS)**, Volume 18 Issue 2

**Publisher:** ACM Press

Full text available: [!\[\]\(37baff4e7b064d7b661cee21a346388a\_img.jpg\) pdf\(165.20 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

We present a fast compression technique for natural language texts. The novelties are that (1) decompression of arbitrary portions of the text can be done very efficiently, (2) exact search for words and phrases can be done on the compressed text directly, using any known sequential pattern-matching algorithm, and (3) word-based approximate and extended search can also be done efficiently without any decoding. The compression scheme uses a semistatic word-based model and a Huffman code where ...

**Keywords:** compressed pattern matching, natural language text compression, word searching, word-based Huffman coding

**6 Practical parsing patterns: Keywords: Scanners and Screeners** 

 June 1999 **ACM SIGPLAN Notices**, Volume 34 Issue 6

**Publisher:** ACM Press

Full text available: [!\[\]\(d4b42998f2c4a6fa2ed9fa12a8dfd843\_img.jpg\) pdf\(470.63 KB\)](#) Additional Information: [full citation](#), [references](#)

**Keywords:** scanners, screeners

**7 Fast searching on compressed text allowing errors**

 Edlano Silva de Moura, Gonzalo Navarro, Nivio Ziviani, Ricardo Baeza-Yates  
August 1998 **Proceedings of the 21st annual international ACM SIGIR conference on Research and development in information retrieval**

**Publisher:** ACM Press

Full text available:  pdf(1.19 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



**8 Case-based reasoning: A comparative evaluation of name-matching algorithms**

 L. Karl Branting  
June 2003 **Proceedings of the 9th international conference on Artificial intelligence and law**

**Publisher:** ACM Press

Full text available:  pdf(233.90 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Name matching---recognizing when two different strings are likely to denote the same entity---is an important task in many legal information systems, such as case-management systems. The naming conventions peculiar to legal cases limit the effectiveness of generic approximate string-matching algorithms in this task. This paper proposes a three-stage framework for name matching, identifies how each stage in the framework addresses the naming variations that typically arise in legal cases, describ ...



**9 Question Answering on a case insensitive corpus**

Wei Li, Rohini Srihari, Cheng Niu, Xiaoge Li  
July 2003 **Proceedings of the ACL 2003 workshop on Multilingual summarization and question answering - Volume 12**

**Publisher:** Association for Computational Linguistics

Full text available:  pdf(129.38 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Most question answering (QA) systems rely on both keyword index and Named Entity (NE) tagging. The corpus from which the QA systems attempt to retrieve answers is usually mixed case text. However, there are numerous corpora that consist of case insensitive documents, e.g. speech recognition results. This paper presents a successful approach to QA on a case insensitive corpus, whereby a preprocessing module is designed to restore the case-sensitive form. The document pool with the restored case t ...



**10 How to write Awk and Perl scripts to enable your EDA tools to work together**

 Robert C. Hutchins, Shankar Hemmady  
June 1996 **Proceedings of the 33rd annual conference on Design automation**

**Publisher:** ACM Press

Full text available:  pdf(33.62 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



**11 Kernel korner: the hidden treasures of iptables**

Chris Lowth  
April 2004 **Linux Journal**, Volume 2004 Issue 120

**Publisher:** Specialized Systems Consultants, Inc.

Full text available:  html(20.45 KB) Additional Information: [full citation](#)



**12 Using thematic information in statistical headline generation**

Stephen Wan, Mark Dras, Cécile Paris, Robert Dale

July 2003 **Proceedings of the ACL 2003 workshop on Multilingual summarization and question answering - Volume 12**

**Publisher:** Association for Computational Linguistics

Full text available: [pdf\(136.64 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

We explore the problem of single sentence summarisation. In the news domain, such a summary might resemble a headline. The headline generation system we present uses Singular Value Decomposition (SVD) to guide the generation of a headline towards the theme that best represents the document to be summarised. In doing so, the intuition is that the generated summary will more accurately reflect the content of the source document. This paper presents SVD as an alternative method to determine if a wo ...

**13 Document overlap detection system for distributed digital libraries**

 Krisztián Monostori, Arkdy Zaslavsky, Heinz Schmidt

June 2000 **Proceedings of the fifth ACM conference on Digital libraries**

**Publisher:** ACM Press

Full text available: [pdf\(22.18 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In this paper we introduce the MatchDetectReveal(MDR) system, which is capable of identifying overlapping and plagiarised documents. Each component of the system is briefly described. The matching-engine component uses a modified suffix tree representation, which is able to identify the exact overlapping chunks and its performance is also presented.

**Keywords:** distributed system, overlap detection, string-matching, suffix tree

**14 Linux Apprentice: Customizing Vim**

Dan Puckett

April 2000 **Linux Journal**

**Publisher:** Specialized Systems Consultants, Inc.

Full text available: [html\(13.81 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Some great customizations to Vim's default behavior--make Vim work for you.

**15 An overview of COMMON LISP**

 Guy L. Steele

August 1982 **Proceedings of the 1982 ACM symposium on LISP and functional programming**

**Publisher:** ACM Press

Full text available: [pdf\(936.24 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A dialect of LISP called "COMMON LISP" is being cooperatively developed and implemented at several sites. It is a descendant of the MACLISP family of LISP dialects, and is intended to unify the several divergent efforts of the last five years. We first give an extensive history of LISP, particularly of the MACLISP branch, in order to explain in context the motivation for COMMON LISP. We enumerate the goals and non-goals of the language design, discuss the language features of pr ...

**16 Exploiting parallelism in pattern matching: an information retrieval application**

 Victor Wing-Kit Mak, Kuo Chu Lee, Ophir Frieder

January 1991 **ACM Transactions on Information Systems (TOIS)**, Volume 9 Issue 1

**Publisher:** ACM Press

Full text available:  pdf(1.42 MB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#).

We propose a document-searching architecture based on high-speed hardware pattern matching to increase the throughput of an information retrieval system. We also propose a new parallel VLSI pattern-matching algorithm called the Data Parallel Pattern Matching (DPPM) algorithm, which serially broadcasts and compares the pattern to a block of data in parallel. The DPPM algorithm utilizes the high degree of integration of VLSI technology to attain very high-speed processing through parallelism. ...

**Keywords:** DPPM, pattern matcher

**17 Mining the Web for bilingual text** 

Philip Resnik

June 1999 **Proceedings of the 37th annual meeting of the Association for Computational Linguistics on Computational Linguistics**

**Publisher:** Association for Computational Linguistics

Full text available:  pdf(754.46 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

STRAND (Resnik, 1998) is a language-independent system for automatic discovery of text in parallel translation on the World Wide Web. This paper extends the preliminary STRAND results by adding automatic language identification, scaling up by orders of magnitude, and formally evaluating performance. The most recent end-product is an automatically acquired parallel corpus comprising 2491 English-French document pairs, approximately 1.5 million words per language.

**18 Intrusion detection: Enhancing byte-level network intrusion detection signatures with context** 

Robin Sommer, Vern Paxson

October 2003 **Proceedings of the 10th ACM conference on Computer and communications security**

**Publisher:** ACM Press

Full text available:  pdf(217.88 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Many network intrusion detection systems (NIDS) use byte sequences as signatures to detect malicious activity. While being highly efficient, they tend to suffer from a high false-positive rate. We develop the concept of *contextual signatures* as an improvement of string-based signature-matching. Rather than matching fixed strings in isolation, we augment the matching process with additional context. When designing an efficient signature engine for the NIDS bro, we provide low-level context ...

**Keywords:** bro, evaluation, network intrusion detection, pattern matching, security, signatures, snort

**19 Semiautomatic generation of glossary links: a practical solution** 

Hermann Kaindl, Stefan Kramer, Papa Samba Niang Diallo

February 1999 **Proceedings of the tenth ACM Conference on Hypertext and hypermedia : returning to our diverse roots: returning to our diverse roots**

**Publisher:** ACM Press

Full text available:  pdf(2.14 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** WWW, authoring, automatic link generation, glossary links, hypertext

**20** Sorting out searching: a user-interface framework for text searches



 Ben Shneiderman, Donald Byrd, W. Bruce Croft  
April 1998 **Communications of the ACM**, Volume 41 Issue 4

**Publisher:** ACM Press

Full text available:  [pdf\(252.27 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

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IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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Schreiber, I.; Ben-Bassat, M.;

[Pattern Recognition, 1990. Proceedings., 10th International Conference on](#)  
Volume i, 16-21 June 1990 Page(s):852 - 859 vol.1  
Digital Object Identifier 10.1109/ICPR.1990.118229[AbstractPlus](#) | Full Text: [PDF\(556 KB\)](#) [IEEE CNF](#)[Rights and Permissions](#) 2. **A modified Burrows-Wheeler transformation for case-insensitive search to suffix array compression**

Sadakane, K.;

[Data Compression Conference, 1999. Proceedings. DCC '99](#)

29-31 March 1999 Page(s):548

Digital Object Identifier 10.1109/DCC.1999.785705

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### **case insensitive compare when getting environment headers**

For purposes of **HTTP**, **headers** are **case insensitive**. ... I propose the following fix to make a **case insensitive compare** when trying to match environment ...

[www.fastcgi.com/archives/fastcgi-developers/2001-June/001289.html](http://www.fastcgi.com/archives/fastcgi-developers/2001-June/001289.html) - 4k -

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### **case insensitive compare when getting environment headers**

**case insensitive compare when getting environment headers**. Eric Sit Eric Sit"

<esit@alum.mit.edu Mon, 4 Jun 2001 11:46:55 -0400 ...

[www.fastcgi.com/archives/fastcgi-developers/2001-June/001286.html](http://www.fastcgi.com/archives/fastcgi-developers/2001-June/001286.html) - 7k -

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### **HTTP/1.1: Header Field Definitions**

An **HTTP/1.1** server that includes a **cache** MUST include an **Age header** field in ...

**Comparison of expectation values is case-insensitive** for unquoted tokens ....

[www.w3.org/Protocols/rfc2616/rfc2616-sec14.html](http://www.w3.org/Protocols/rfc2616/rfc2616-sec14.html) - 125k - [Cached](#) - [Similar pages](#)

### **Extensible Markup Language (XML) 1.0 (Third Edition)**

XML processors **SHOULD** match character encoding names in a **case-insensitive** way and **SHOULD** either interpret an IANA-registered name as the encoding ...

[www.w3.org/TR/2004/REC-xml-20040204/](http://www.w3.org/TR/2004/REC-xml-20040204/) - 210k - [Cached](#) - [Similar pages](#)

### **: Interface HttpServletRequest**

Returns the name of the **HTTP** method with which this request was made, for example, ...

The **header** name is **case insensitive**. You can use this method with any ...

[java.sun.com/j2ee/1.4/docs/api/javax/servlet/http/HttpServletRequest.html](http://java.sun.com/j2ee/1.4/docs/api/javax/servlet/http/HttpServletRequest.html) - 44k -

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III Jornadas de Trabajo DOLMEN · Illustrated Guide to **HTTP** ... **MIME** (Multipurpose Internet Mail Extensions) — Part Two: **Message Header** Extensions for ...

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### **PHP in contrast to Perl**

Trust **HTTP headers** for last-modified info. Despair-like poster: **PHP, Training Wheels** without ... PHP has separate functions for **case insensitive** operations ...  
[tnx.nl/php](http://tnx.nl/php) - 17k - [Cached](#) - [Similar pages](#)

### **HTTP/1.1 Specification Errata**

In general, quoted string literals in the spec are defined to be **case insensitive**, but the **HTTP** Version token should be **case sensitive**. ...

[skrb.org/ietf/http\\_errata.html](http://skrb.org/ietf/http_errata.html) - 34k - [Cached](#) - [Similar pages](#)

### **Apache Incubator ActiveMQ & ServiceMix - [#SM-141] HTTPInvoker ...**

**HTTPConnector** copies **HTTP header** values to the **NormalizedMessage** as properties, ...

To fix, make the **comparison case insensitive** in **HttpMarshaler**. ...

<https://issues.apache.org/activemq/browse/SM-141?decorator=printable> - 25k -  
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**Jaslabs**

PHP is easy to learn in **comparison** to Perl. It's easier to learn than C, Python, Java, ...  
PHP has separate functions for **case insensitive** operations ...  
[www.whenpenguinsattack.com/](http://www.whenpenguinsattack.com/) - 36k - [Cached](#) - [Similar pages](#)

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